

Title (en)

Method for accounting electronic wallet-systems with IC-cards

Title (de)

Verfahren zum Abrechnen elektronischer Geldbörsensysteme mit Chipkarten

Title (fr)

Méthode de décompte pour systèmes à porte-monnaie électroniques avec des cartes à puce

Publication

EP 0789335 A3 20000517 (DE)

Application

EP 96119941 A 19961212

Priority

DE 19604349 A 19960207

Abstract (en)

[origin: EP0789335A2] The method involves using internal cryptographic functions (4) for test an authenticity of a memory chip card, by device of a terminal. The memory card contains memory areas for the unique identification of the chip card, and a memory area which is formed as a counter which can be decremented through the terminal and/or a card reader. Interim results of a first authenticity test of the chip card are stored by device of a cryptographic function in secured memory areas (5), and are used in a calculation of any further authentication test. A memory area is preferably formed as a counter (6) for a maximum amount of faulty authentications, which makes the card invalid after the maximum amount of faulty attempts.

IPC 1-7

G07F 7/10; G07F 19/00

IPC 8 full level

G07F 7/10 (2006.01)

CPC (source: EP)

G06Q 20/341 (2013.01); **G06Q 20/4097** (2013.01); **G07F 7/1008** (2013.01); **G07F 7/1083** (2013.01)

Citation (search report)

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